

Work Order ID 111242 - 2

111242

Page 1

Thursday, January 09, 2014 11:34:25 AM

Item ID: D4708-9

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Lanyard

Start Date: 1/9/2014 Start Qty: 50.00

50

Cust Item ID:

Required Date: 1/17/2014 Req'd Qty: 50.00

50

Customer:

Reference:

Approvals: Process Plan: CL Date: 14/01/09 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4708	A

110 0.00

110

Purchasing

Memo

0.00

Purchasing

Issue P/O: 22558

Manufacture as per dwg

Possible supplier: LEXCO CABLE MFG INC.

Material release note is required.

CL 14/01/09 50

X1 Replacement D4708-9.

120

Receive & Inspect for Damage & Mat'l Certs 0.00

120

Packaging

Memo

0.00

Packaging

14/01/14 50

130

QC6- Inspect dimensions to drawing 0.00

130

QC

Memo

0.00

Quality Control

DAS

27

9.89

14/1/17

PTO

49-1

50

DQA:

Date: 14/01/29

See pink NCR 14-3462

QA Closed: 14/11/22

Date: 14/11/22

WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only ☐

Work Order: <u>D4708-9</u>	DISPOSITION		AGAINST DEPARTMENT/PROCESS			
Part No. <u>111242</u>	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	
NCR No. <u>14-3433</u>	Scrap <input checked="" type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input checked="" type="checkbox"/>		

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	14/11/20	120	1	part scrap	DAS 16 9-89	scrap scrap and destroyed custom replace no replace \$4.48	DAS 27 9-89 14/11/17	DAS 16 9-89 14/01/21	DAS 16 9-89 14/01/21
Doc/Data				no per day by supplier					
Equip/Tooling									
Handling/Pre									
Material				RC Missing heat shrink at one side of part	Q52012 14/11/21				Q52012 14/01/21
Operator				D4708-9					
Offset/Setup				RC supplier					
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General	
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Folio/Program
<input type="checkbox"/> Centre Not Concentric	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Grain
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damage/Defect	<input type="checkbox"/> Hardware
<input type="checkbox"/> Crimp/Kink/Ripple/Wave	<input type="checkbox"/> Burrs	<input type="checkbox"/> Inspection Incomplete/Unqualified
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Crushing	<input type="checkbox"/> Countersink	<input type="checkbox"/> Misaligned/off center
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Drawing	<input type="checkbox"/> Misread
<input type="checkbox"/> Marks/Chatter	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Off-set
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Fit/Function	<input type="checkbox"/> Out of Sequence
		<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Set-up
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input checked="" type="checkbox"/> Other
		Part is manufactured incomplete

Work Order ID 111242

Thursday, January 09, 2014 11:34:25 AM

111242

Page 2

Item ID: D4708-9 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Lanyard
Start Date: 1/9/2014 Start Qty: 50.00 ***50*** Cust Item ID:
Required Date: 1/17/2014 Req'd Qty: 50.00 ***50*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	Identify as per dwg & Stock Location 8119	0.00							
140									
Packaging	Memo	0.00							
Packaging									
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.00							
Quality Control									

49x **14-1-21** **DAS**
26
9-89
x1 **1-04/2/21** **0**
M65 14-01-21
M65 14-01-21

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

Thursday, January 09, 2014 11:34:25 AM

Page 1

Work Order ID: 111242

Parent Item: D4708-9

Parent Item Name: Lanyard

Start Date: 1/9/2014

Required Date: 1/17/2014

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP REV:A 12.09.10 NEW ISSUE DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4708-9P Lanyard		Purchased	No			120	Each	0.0000	1	50			

1/14/14 (50)

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

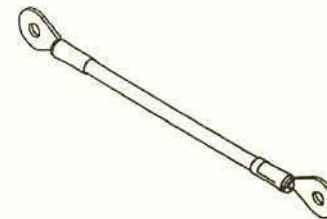
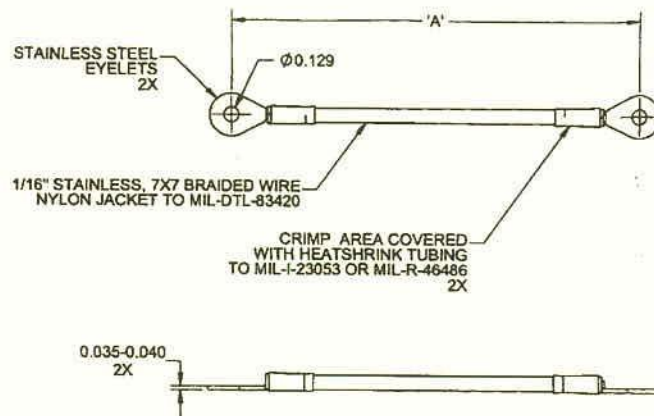
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
		<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

SPECIFICATION CONTROL DRAWING



CL 14101109
W10: 111242

D4708-X LANYARD

DART P/N	DIM 'A'
D4708-1	3.5
D4708-3	5.0
D4708-5	8.0
D4708-7	10.0
D4708-9	12.0

2012-10-12

NOTES:

- 1) MATERIAL: AS INDICATED
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4708-1" AND B/N "BXXXXX" PER QSI 044 6.7
- 7) WEIGHT: TBD lbs
- 8) RECOMMENDED SUPPLIER: LEXCO CABLE MFG INC.

A		NEW ISSUE	RP	12.09.19
REV.	DESCRIPTION		BY	DATE
DESIGN	RP	DART AEROSPACE USA, INC.		
DRAWN	RP	KENT, WA		
CHECKED	A.P.	DRAWING NO.	REV. A	
MFG. APPR.	[Signature]	D4708	SHEET 1 OF 1	
APPROVED	[Signature]	TITLE	SCALE	
DE APPR.	[Signature]	LANYARD	NTS	
DATE	12.09.19		<small>COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PREPARED AND CONTROLLED BY DART AEROSPACE USA, INC. IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22558

Purchase Order Date 1/9/2014

PO Print Date 1/9/2014

Page Number 1 of 1

Order From : VU-LEX003

LEXCO CABLE MFG & DISTRIBUTORS INC.
7320 W AGATITE
NORRIDGE, IL 60706
USA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
02/14/10

Contact Name
Vendor Phone 800-626-6556

Ship To Contact
Ship To Phone
Ship Via: FedEx PI collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D4708-9P AS PER DWG D4708 REV. A B111242	Lanyard	1/16/2014 Yes 1/16/2014		50.00 Each	\$4.48	\$224.00

Line Total: \$224.00

PO Total: \$224.00

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.
No substitution or deviation without consent.
Certificate of Conformity or Material Certification required ☒ YES ☐ NO
PST# 6122-5207

Change Nbr: 1

Change Date: 1/9/2014

LEXCO CABLE MFG & DISTRIBUTORS, INC.
7320 WEST AGATITE
NORRIDGE, IL 60706
T 800-626-6556 F 773-478-4584
(773) 588-8890

Page: 1

PICKED BY

PACKED BY

SHIPPED BY

g
P.A.B.

PACKING LIST

ORDER DATE: 1/10/2014
SALESPERSON: IE

ORDER NUMBER: 0172832
CUSTOMER NUMBER: 01-0011993

SOLD TO:

DART AEROSPACE LTD
1270 Aberdeen Street
Hawkesbury, Ontario, ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 Aberdeen Street
Hawkesbury, Ontario, ON K6A 1K7

PHONE #: 613-632-5200

DATE SHIPPED:

1/13/14

CUSTOMER P.O.
22558

SHIP VIA
FEDEX P1

F.O.B.
#151793240 COLL

TERMS
NET 30

ORDERED	U/M	SHIP B/O	ITEM NUMBER	DESCRIPTION	PRICE
50	EA	<i>50</i>	<i>0</i> D4708-9P	Cable Assy 12"	4.4800

SHIP 1/16/14

ENTERED BY

H

FORM QOP-03-01-01F
REV 061900

PACKING LIST

FREIGHT

CHARGES

TOTAL

LEXCO CABLE MFG & DISTRIBUTORS, INC.
 7320 WEST AGATITE
 NORRIDGE, IL 60706
 T 800-626-6556 F 773-478-4584
 (773) 588-8890

PICKED BY _____
 PACKED BY CS
 SHIPPED BY JAB

PACKING LIST

ORDER DATE: 1/28/2014
 SALESPERSON: IE

ORDER NUMBER: 172832R
 CUSTOMER NUMBER: 01-0011993

SOLD TO:
 DART AEROSPACE LTD
 1270 Aberdeen Street
 Hawkesbury, Ontario, ON K6A 1K7

SHIP TO:
 DART AEROSPACE LTD
 1270 Aberdeen Street
 Hawkesbury, Ontario, ON K6A 1K7

PHONE #: 613-632-5200

DATE SHIPPED: 1/28/14

CUSTOMER P.O. 22558	SHIP VIA <u>①</u> FEDEX P1	F.O.B. <u>PREPAID</u> #15479340 CASH	TERMS NO TERMS
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ORDERED	U/M	SHIP B/O	ITEM NUMBER	DESCRIPTION	PRICE
1	EA	<u>1</u> <u>0</u>	D4708-9P	Cable Assy 12" ✓	0.0000

N.K

RUSH REPLACEMENT - SHIP 1/28/14

C214102121

ENTERED BY CS
 FORM QOP-03-01-01F
 REV 061900

PACKING LIST

FREIGHT _____
 CHARGES _____
 TOTAL _____